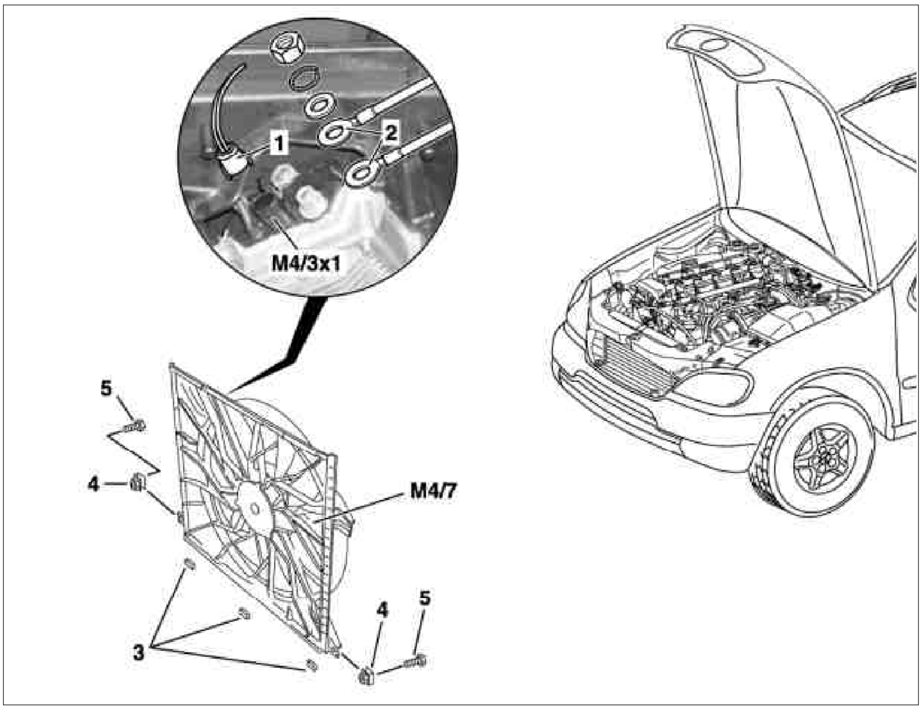
ENGINE 612.963 in MODEL 163.113

Shown on Model 163.113 with Engine 612.963

1 Clutch
2 Electrical lines circuit 30
3 Clips
4 Captive nuts
5 Bolts
M4/7 Electric suction fan engine and AC with integrated control



P20.40-2015-06

	Remove/Install		
⚠ **Danger!**	**Risk of injury** to **fingers being jammed or squeezed** when removing and installing or aligning hoods, doors, trunk lid/tailgate or sliding roof.	When moving components, ensure that no body parts or limbs are within the operating range of moving parts.	AS00.00-Z-0011-01A
⚠ **Danger!**	**Risk of death.** Death may result if vehicle slips or topples from the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
1	Place the vehicle on lifting platform		AR00.60-P-1000GH
2	Open engine hood and raise to vertical position	ℹ Have second person secure hood.	AR88.40-P-1000GI
3	Connect quiescent current retention device		*WH58.30-Z-1005-09A
4	Disconnect ground cable of battery		AR54.10-P-0003A
5	Detach coupling (1) at electrical connector of fan		
6	Disconnect electrical lines circuit 30 (2) at electric fan		
7	Unclip wiring harness from bracket		
8	Remove front part of noise encapsulation		AR94.30-P-5400GH
9	Detach clamps (3) at bottom side of electric fan		
10	Unscrew screws (5)		
11	Remove captive nuts (4)		
12	Unhinge electric suction fan engine and AC with integrated control (M4/7) at top of radiator and take out toward bottom	ℹ **Installation:** Insert retaining lugs of electric fan into the mounts at radiator.	
13	Install in the reverse order		

Commercially available tools

Number	Designation	Make (e. g.)	Order number
WH58.30-Z-1005-09A	CMP 12.2 quiescent current retention unit	Hans Zeheter	